ABSTRACT

A simple supplementary service protocol (SSSP) is provided for implementing
functionally based supplementary services using the H.323 standard. According to the
preferred embodiment, a generic and expandable protocol is provided for passing
supplementary services information between H.323 entities for the provision of over twenty
classes of functionally based supplementary services. The protocol of the present invention is
relatively lightweight (i.e. not code intensive) compared to H.450 since it does not rely on
ASN.1 encoding. In addition, the mixture of functional and stimulus protocol concepts in
the design of the inventive protocol results in robust functional characteristics and
implementation capability using only lightweight Endpoints.